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Joyce Maule

Name

Signature

Joyce Maule

4296-146 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Murase, H., *et al.*

Serial No.: 09/937,414

Group Art Unit: 1623

Filed: January 30, 2002

Examiner: Traviss McIntosh

Title: Dermatological Agent For External Use

Information Disclosure Statement

Commissioner for Patents  
P.O. Box 1450  
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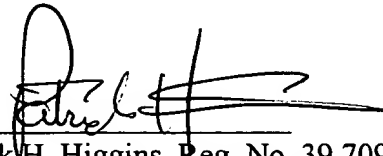
Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicant submits that this Information Disclosure Statement is submitted prior to the 1<sup>st</sup> office action.

It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Patrick H. Higgins', written over a horizontal line.

Patrick H. Higgins, Reg. No. 39,709  
Attorney for Applicant

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

Application Number	09/937,414
Filing Date	January 30, 2002
First Named Inventor	Murase, H., et al.
Group Art Unit	1623
Examiner Name	Traviss McIntosh
Attorney Docket Number	4296-146 US

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

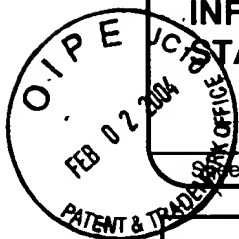
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SATOH K., ET AL. "Effect of trolox, a synthetic analog of alpha tocopherol, on cytotoxicity induced by UV irradiation and antioxidants: Anticancer Research, Helenic Anticancer Institute, Athens, GR vol. 17, no 4A, 1997, pages 2459-2464	
		BISSETT D. L. ET AL., "Photoprotective effect of superoxide-scavenging antioxidants against ultraviolet radiation-induced chronic skin damage in the hairless mouse" Photodermatology, Photoimmunology & Photomedicine. Denmark April 1990, vol. 7, no. 2, April 1990 (1990-04), pages 56-62	
		STEWART MARJORY S. ET AL., "Antioxidant nutrients protect against UVB-induced oxidative damage to DNA of mouse keratinocytes in culture" Journal of Investigative Dermatology, vol 106, no.5, 1996, pages 1086-1089.	
		JONES, SANDRA A. ET AL. "Effect of antioxidant supplementation on the adaptive response of human skin fibroblasts to UV-induced oxidative stress", Redox Report, vol. 4, no.6, 1999, pages 291-299	

Examiner  
SignatureDate  
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

**Complete if Known**

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Group Art Unit	1623
Examiner Name	Traviss McIntosh
Attorney Docket Number	4296-146 US

**U.S. PATENT DOCUMENTS**

[illegible]

## FOREIGN PATENT DOCUMENTS

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**Examiner  
Signature**

Date  
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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